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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/897,653	06/29/2001	Alan Chris Berkema	10016783-1	9773

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EXAMINER	
GRANT II, JEROME	
ART UNIT	PAPER NUMBER
2625	
MAIL DATE	DELIVERY MODE
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	09/897,653	BERKEMA ET AL.	
	Examiner	Art Unit	
	Jerome Grant II	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *26 February 2007*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *2-4,6,15,17,18,21-24,30,32 and 33* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *2-4, 6, 15, 17, 18, 21-24, 30, 32 and 33* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

JEROME GRANT
PRIMARY EXAMINER

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

Detailed Action

1.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 2-4, 6, 15, 17, 18, 21-24 and 30 are rejected under 35 U.S.C. 102(e) as being anticipated by Aoki et al. (2002/0032652).

With respect to claim 2, Aoki teaches a print reference method executable by a portable wireless device (20, 100) the method comprising the steps of:

Obtaining a reference(originating from a portable terminal 100) to print content stored at a location indicated by the reference; and wirelessly communicating (see figures 1 and 2) the reference to another device (base stations 200) to initiate a print by reference of the print content (over servers Ds1 to DsN), wherein the reference specifies billing information, see paragraphs 111 and 112.

With respect to claim 3, Aoki teaches a print reference method executable by a portable wireless device, the method comprising the steps of:

Obtaining a reference (originating from a portable terminal 100) to print content stored at a location indicated by the reference; and wirelessly communicating (see figures 1 and 2) the reference to another device (base stations 200) to initiate a print by references of the print content, wherein the references specifies print format information, see para. 122 lines 1-10, the WWW server DS is converted by data format conversion terminal CS.

With respect to claim 4, Aoki teaches a print reference method executable by a portable wireless device, the method comprising the steps of:

Obtaining a reference (an address for a printer originating by a wireless device 100) to print content stored at a location indicated by the reference; and wirelessly communicating the reference to another device (base station 200) to initiate a print by references of the print content via a server Ds1-DsN). Regarding the time and date information, this limitation is substantially taught at paragraph 75 where the time is inherent with respect to signals detected by the satellites.

With respect to claim 6, Aoki teaches a print reference method executable by a portable wireless device, the method comprising the steps of:

Obtaining a reference (initiated by wireless device 100 regarding the print content assigned to a printer over a server described as www server DS) to print content stored at a location indicated by the reference; and wirelessly communicating

(see figures 1 and 2) the reference to another device (base station 200) to initiate a print by references of the print content, wherein the references specifies the number of copies of the print content to be printed by the print device, see paragraph 143.

With respect to claim 15, Aoki teaches a print reference method executable by a portable wireless device, the method comprising the steps of:

Obtaining a reference (via a wireless device 100 to print content stored at a location indicated by the reference; and wirelessly communicating (see figures 1 and 2) the reference to another device (base station 200) to initiate a print by references of the print content; and communicating a discovery signals (print ID request) that comprises a request for information about the capability of the another device . Aoki teaches communication procedures that are part of a standard protocol between the wireless device 100 and the another device 200. These communications acknowledge the capabilities of the respective devices one to another

With respect to claim 17, Aoki teaches a print reference method executable by a portable wireless device, the method comprising the steps of:

Obtaining a reference (initiated via a wireless device 100) to print content stored at a location indicated by the reference; and wirelessly communicating (see figures 1 and 2) the reference to another device (base station 100) to initiate a print by references of the print content; and receiving a print status message from the base stations as print status information is forward back to the wireless device another device, see paragraphs 121 and 123 of Aoki.

With respect to claim 18, Aoki teaches the status is the actual printing of a job after the authentication process has been satisfactory and the job has been reviewed by the user, subsequently, the billing process is confirmed and the print data may be obtained. See para. 124.

With respect to claim 21, Aoki teaches a print reference method executable by a portable wireless device, the method comprising the steps of:

Obtaining a reference (from wireless station 100) to print content stored at a location indicated by the reference; and wirelessly communicating (see figures 1 and 2) the reference to another device to initiate a print by references of the print content, wherein the another device (PR) comprises a print server (300) adapted to use the reference to obtain the print content.

With respect to claim 22, Aoki teaches wherein the reference specifies a print device (PR) to which the print service 300 is adapted to transmit the print content data in www Server DS.

With respect to claim 23, Aoki teaches receiving the print content from the print server 300. Output to anyone of printers PR previously selected based on capabilities as determined by the user.

With respect to claim 24, Aoki teaches passing the print content to a print device for printing. This is performed by print service 300.

With respect to claim 30, Aoki teaches a print reference method executable by a portable wireless device (100) , the method comprising the steps of:

Obtaining a reference (originating from the wireless device 100) to print content stored at a location indicated by the reference; and wirelessly communicating the reference (see figures 1 and 2) to another device (base station 200) to initiate a print by references of the print content, wherein the reference further specifies a print format (HTML to text by conversion terminal CS) format data specifying that the print content should be printed on new sheet of paper. This limitation is inherent since print content can be printed on whatever type of paper is desired by the user that the printer can utilize.

1.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 32 and 33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Aoki.

With respect to claim 32, Aoki teaches obtaining a reference (www server DS) to print content stored at an Internet location (URL) indicated by the reference; including

the reference in a communication signal formatted according to a communication protocol such as HTML ; and wirelessly communicating the content information, which is originated by a wireless device 100) (see figures 1 and 2); a communication signal is generated to a print device 300 thereby causing the print device to use the reference to retrieve the print content from the URL (Internet) and to print the content to printer PR via the user of a server Sd1-Sdn.

Aoki teaches all of the subject matter upon which this claim depends except for the specific limitation of Bluetooth communication protocols.

While other protocols are taught by Aoki, the use of Bluetooth is not specifically taught by applicant neither is a motivation provided as to why Bluetooth would be preferred as opposed to other methods. Hence, the user of Bluetooth or other equivalent protocols would have been recognized by one of ordinary skill in the art for the purpose of using a reference information obtained from the Internet for the purpose of printing its content.

With respect to claim 33, Aoki teaches a print reference method executable by a portable wireless device, the method comprising the steps of :

Obtaining a reference (initiated by a wireless device 100) to print content stored at an Internet location indicated by the reference; including a reference in a communication signal formatted according to a protocol, such as HTML; and wirelessly communicating (see figures 1 and 2) to a print service (300) thereby causing the print

service 300 to use the reference to retrieve the print content from the Internet, to format (via HTML to text via converter CS) the printing content and to pass the print content to the printing device PR.

Examiner's Remarks

Applicant's remarks have been considered and are persuasive to withdrawn the 112 rejections and to modify the rejection to address the Remarks set forth by applicant.

Throughout the extensive Remarks received February 26, 2007, a common focus throughout was the "wireless communicating the reference to another device to initiate a print by reference of the print content.

In the last office action the another device was not clearly defined. The "another device" is identified as the base station 200 which receives wireless communication from the first wireless device 100. The base station 200 then transfers the print content information to one of several servers Ds1 – DsN where data is sent to one of respective printers.

With respect to claim 15, in addition to the wireless communication feature mentioned above, applicant further states that the communication signal for determining

the capability of the another machine is not disclosed. Aoki teaches communication procedures that are part of a standard protocol between the wireless device 100 and the another device 200. These communications acknowledge the capabilities of the respective devices one to another.

Regarding claims 32 and 33, the Blue Tooth limitation is a wireless communication protocol that is at least supported between the wireless terminal 100 and base stations 200. It is at least suggested by Aoki that Blue Tooth protocols is addressed.

2.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerome Grant II whose telephone number is 571-272-7463. The examiner can normally be reached on Mon.-Thurs from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles, can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

J. Grant II

JEROME GRANT
PRIMARY EXAMINER